# PRODUCTION & PRINTING

#### **PRODUCTION**

In the design world, production refers to the preparation necessary to hand a digital file off to a service provider (such as a printer) in finished form. Depending on the type of printing you choose, your production needs will vary. Here are some common denominators:

- Make sure all images are of print quality, not web quality.

  Web images are of lower quality (resolution of 72 dpi)

  and will not print clearly.
- Embed or outline fonts; or make sure your service provider has the fonts used in your document
  - Know what binding and finishing will take place and adjust file accordingly.

#### OFFSET PRINTING

CONSIDER OFFSET PRINTING IF:

- running large quantities (probably more than 250)
- finished dimension larger than12" x 18" (in moderate quantities)
- paper or surface not suited to digital printing
  - finer quality desired
    - using spot colors

#### DIGITAL PRINTING

CONSIDER DIGITAL PRINTING IF:

- running small quantities (probably less than 250, but varies)
- finished dimension 12" x 18" or smaller (larger format prints get costly in multiple quantities)
  - using standard paper stock
  - need quicker turnaround time
  - full color prints desired (especially in smaller quantities

#### OFFSET PRINTING

#### PRODUCTION CONSIDERATIONS:

- must use CMYK or spot colors; no RGB
- digital files (photographs/image) must
   be of high enough quality (resolution) in
   order to print clearly
- specify PANTONE colors for spot color (1, 2 or 3 color printing)
- allow enough turnaround time for printer (actual time needed varies)
- may need to attend a press check to verify colors, printing, etc.

#### DIGITAL PRINTING

#### PRODUCTION CONSIDERATIONS:

- CMYK or RGB; color mode unimportant; full range of colors available for no added cost
- photographs/images can be of slightly lesser quality and still reproduce o.k.
- paper will curl somewhat after printing due to heated process
  - allow enough turnaround time for printer (actual time needed varies)
- color accuracy varies from one printer to another; can be inconsistent

#### OTHER PRINTING TYPES

- letterpress

- screenprinting

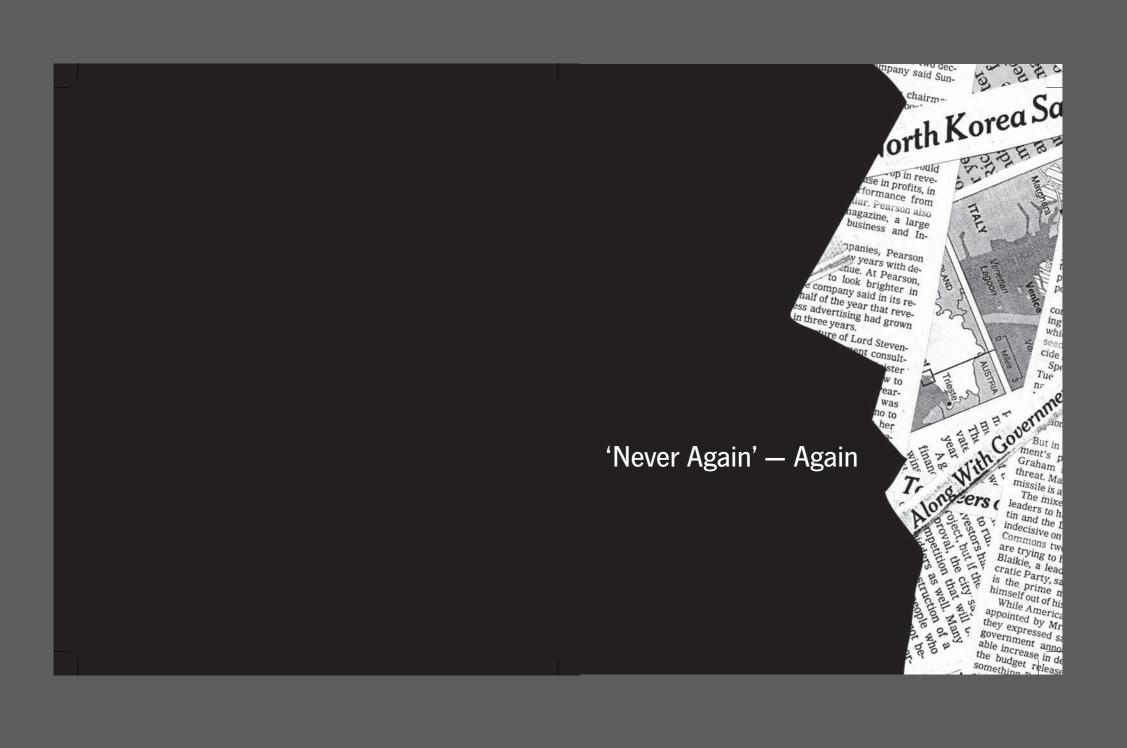
- large format printers

- variable data printing

#### MAILING

- contact US Post Office early in the design process to confirm that your piece meets postal service regulations
  - spend time creating effective mailing lists to reach your target audience
- build in extra time for bulk mailings to reach their destination

### OFFSET PRINTED EXAMPLES





NATURAL

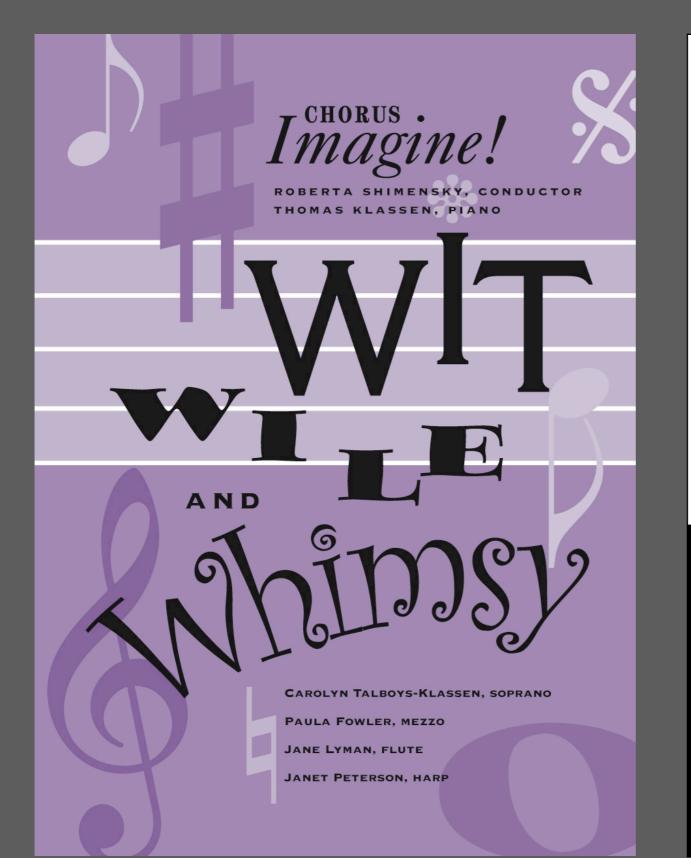
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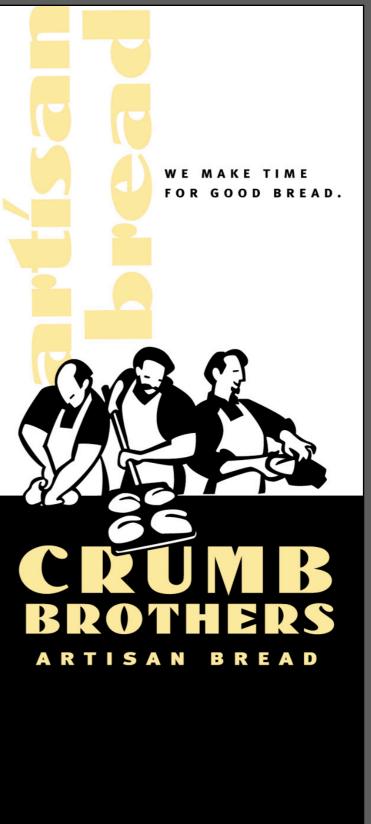
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PHOTOGRAPHIC EXHIBITS

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UTAH CONSTRUCTION UTAH INTERNATIONAL

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MAKING TRACKS

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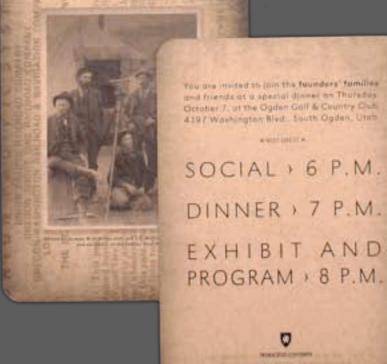
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## ARTINTRANSIT

NATIONAL CALL FOR ARTISTS

REQUEST FOR QUALIFICATIONS SALT LAKE INTERMODAL HUB

PROJECT PARTNERS: SALT LAKE ART DESIGN BOARD | SALT LAKE CITY ARTS COUNCIL REDEVELOPMENT AGENCY OF SALT LAKE CITY | SALT LAKE CITY CORPORATION UTAH TRANSIT AUTHORITY